Release 1084
Service Request 12071
History Reporting

INSTALLATION INSTRUCTIONS

Document Number INST

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Information Systems & Computing
Office of the President
University of California
Installation Instructions

This document provides installation instructions for this release. Please review these instructions carefully before proceeding with installation.

CICS Map Generation

1. Install the source code contained in DGIPNL for the **new** maps PPRFT1, PPIHHR0, PPIHHR1, and **modified** map UCMMNU0.

2. Use SDF II option 6 to generate the BMS macros and the COBOL data structures for these Maps.

3. Assemble and link the BMS macros to produce the physical map descriptions used by CICS/BMS.

Copylib Member Installation

1. Install the **new** Copylib members listed in Table 1.

<table>
<thead>
<tr>
<th>Copylib Members</th>
<th>Installed?</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPWSHHRW</td>
<td></td>
</tr>
<tr>
<td>CPWSHRIN</td>
<td></td>
</tr>
</tbody>
</table>

Table 1. New Copylib Members

Bind Member Installation

Install the **new** Bind members listed in Table 2.

<table>
<thead>
<tr>
<th>Bind Members</th>
<th>Installed?</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPA2HRFH</td>
<td></td>
</tr>
<tr>
<td>PPHRMGR</td>
<td></td>
</tr>
</tbody>
</table>

Table 2. New BIND Members
Program Preparation

Note: At UCOP, all COBOL programs pass through the DB2 pre-compiler, whether or not the program contains embedded SQL, to resolve INCLUDE references. Your site may have different requirements.

Note: "DUAL" programs must be compiled twice and linked into batch and online libraries ("LOADLIB" and "OLOADLIB" respectively). "CICS" programs must be CICS pre-compiled and compiled once and linked into OLOADLIB. "BATCH" programs must be compiled once and linked into the batch LOADLIB only.

Install, compile and link the **new** programs listed in Table 3.

<table>
<thead>
<tr>
<th>Program</th>
<th>DB2?</th>
<th>Compile</th>
<th>PackageBind?</th>
<th>Done?</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPA2HRFH</td>
<td>Yes</td>
<td>CICS</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>PPHRMGR</td>
<td>Yes</td>
<td>CICS</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>PPWIHHR</td>
<td>No</td>
<td>CICS</td>
<td>No</td>
<td></td>
</tr>
</tbody>
</table>

Table 3. New Programs

Install, compile and link the **modified** programs listed in Table 4.

**NOTE:** The Base version for D21H08E is post APAR PN69050 for CICS 4.1. If at a different level, the new value PPHRFT1 should be added for 88 level UC-SYSTEM-MAP in the local version.

<table>
<thead>
<tr>
<th>Program</th>
<th>DB2?</th>
<th>Compile</th>
<th>PackageBind?</th>
<th>Done?</th>
</tr>
</thead>
<tbody>
<tr>
<td>D21H08E</td>
<td>No</td>
<td>CICS</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>PPAPHRKS</td>
<td>Yes</td>
<td>CICS</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>PPAPHRRLF</td>
<td>No</td>
<td>CICS</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>PPAPHRSR</td>
<td>Yes</td>
<td>CICS</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>UCWMMNU</td>
<td>Yes</td>
<td>CICS</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>

Table 4. Modified Programs

CICS Resource Definition
1. Change the *GROUPID* in CARDLIB(RDO0084) to the actual Group ID used at your location.

2. Use the transactions in CARDLIB(RDO0084) to define the new programs PPA2HRFH, PPHRMGR, and PPWIHHR, and the new maps PPHRFT, IPPIHHR0, and PPIHHR1 to CICS (refer to sample JCL in JCL(LOADRDO)).

### CICS HELP

1. Import new CICS HELP screen data from HELPSCRN (Refer to sample JCL in JCL(LOADHELP)). Note that this HELP modification is applicable to the IHHR screen.

2. Load modified Help anchors from HELPANCH. (Refer to JCL in JCL(LOADANCH)).

### Process Control Database (PCD) Updates

Four PCD Tables must be updated.

1. The new IHHR function must be added to the UC0CFN Table. The released UDB2PCD(UC0CFN) can be loaded with RESUME to add this new function.

2. The new program PPA2HRFH must be added to the UC0PGM Table as the footer map processor for IHHR. Also the previously missing row for Abend handling for History Reporting needs to be added. The released UDB2PCD(UC0PGM) can be loaded with RESUME to add these new entries.

3. Three new logical function definitions need to be added to the UC0PFF Table. The released UDB2PCD(UC0PFF) can be loaded with RESUME to add these new functions.

4. Four function key assignments must be added to the UC0PFK Table. The released UDB2PCD(UC0PFK) can be loaded with RESUME to add these new entries.

### Testing

Perform installation verification testing as described in the Test Plan.
Install into Production

1. Run PPP010 to update the VSAM System Messages Table. Either key from the provided simile UPAY554 form, or use the transactions in CARDLIB(MSG1084).

2. Run PPP851 to update the DB2 System Messages Table.

3. Install all the objects into the Production environment.

Security Considerations

The RACF steps that need to be performed to implement security are:

1. Define protected access profiles in the installation-defined resource class for the function code IHHR.

2. Permit READ access to IHHR to the individual users or groups who are authorized to use the function.